

American Recovery & Reinvestment 2009 Asheville, North Carolina Community Portfolio

Community Project Proposal Guidelines

This form is intended for use for proposing a community project that meets the intent and guidelines set forth in the American Recovery & Reinvestment Act of 2009. Complete text of the act is available at http://www.rules.house.gov/111/LegText/111_hr1_text.pdf. Information must be limited to the two pages included in this form.

Proposals may be submitted by:

- E-mail to economicrecovery@ashevillenc.gov;
- Fax to (828) 259-5499, or;
- Mail to P.O. Box 7148, Asheville, NC 28802, ATTN: Economic Recovery

If you require any assistance in preparing a project proposal or have questions about the process, please e-mail economicrecovery@ashevillenc.gov.

In the interest of government transparency and public participation, all submitted information will be made available to the community. Please do not submit information considered to be confidential or proprietary. Submitted proposals will be posted at www.ashevillenc.gov/economicrecovery for public review.

Contact Information

Proposing Agency or Organization

Organization Name:

Greenwerks LLC

Project Name:

Sanitation Department; Water
Conservation

Project Manager:

Ted Warner II
Jared Breneman

Title:

Owner

Contact Details

Physical Address:

Greenwerks LLC
511 Saddleback Ct.
Asheville NC 28801

Phone:

(828) 242-8903

Phone:

(828) 242-8903
(828) 423-5299

E-mail Address:

tsw@greenwerksllc.com

American Recovery & Reinvestment 2009

Asheville, North Carolina Community Portfolio

Project Information

1. Project Description

Please include a brief project description.

Install a rainwater harvesting system located at the sanitation department in Asheville ,NC. The system would include: (1) 5,000 gallon above ground storage tank, (1) Wisy WWF150 Vortex Filter to remove any contaminants from the rainwater prior to entering the storage tank. The Filter house is made from polypropylene and the filter basket is made from stainless steel and comes with a 100 yr warranty. Upkeep is minimal, requiring only twice a year cleaning of the filter which is as simple as running it through a dishwasher. (1) Goulds 1/2 HP Submersible Cistern Pump with 1 1/4" nozzle and base plate, floating filter and suction hose. The pump will pressurize the system for the intended use.

2. Project Purpose

Please describe the project's public purpose and benefit.

The Purpose for this Project is to make the most efficient use of our natural resources. Water conservation is a worldwide issue and should not be taken lightly. With only 2.5% of the worlds water supply being freshwater, we should be using our water in the most efficient way possible. By utilizing a free source of water, and allowing us to install a pilot rainwater harvesting system on the sanitation department will permeate the conservation of water awareness through to all levels of Asheville residents. Additionally, by capturing the naturally clean, soft rainwater; storm water pollutants decrease, while protecting a finite economic resource. As resident and municipality members learn the wide array of sustainable benefits our system's offer and the learning process continues, we have hopes of working with the City of Asheville to implement these systems where municipality water consumption rates are most high.

3. Project Cost

Include the total project cost

\$14,000.00

4. Job Creation

Estimated number of jobs created by project.

Energy Conservation Awareness,
Protection of current water resources.

5. Project Schedule

Include start and finish dates for the project.

Project Schedule can start as soon as funding is available. Install time will be 4 days.

5a. Project Schedule

Can the project be contracted and commenced within 120 days? Please indicate yes or no.

Yes.

6. Goal Alignment

Briefly describe how the project will achieve the goals of the American Recovery & Reinvestment Act.

Rainwater harvesting system's have a vast amount of long term energy savings; the water it collects is free; systems reduce storm water pollutants, and conserve large amounts energy. Water that is used to irrigate or wash vehicles does not need to be treated. By using our rainwater harvesting systems, energy savings in the form of water consumption & kilowatts occur; thus, taking advantage of conservation practices and improving delivery efficiencies. All materials are created for minimal maintenance, and the highest quality of water allowing the vast majority of system components to come with a lifetime warranty. The promotion of proprietary rainwater systems' is essential to the sustainability of our current municipal water resources. The Economic Recovery & Reinvestment Act of 2009 calls for projects supporting economic benefit and energy protection. The above project aligns with the goals discussed in Title V of the Act supporting Renewable Energy Efficiency, & promotes the five general statements of intent as outlined within the Act.